

888 Item Maintenance

Functional Group ID=QG

Introduction:

This Draft Standard for Trial Use provides the format and establishes the data contents of the Item Maintenance Transaction Set (888) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to enable a manufacturer, supplier, broker, or agent to provide detailed finished goods product information to a partner in a consumer goods market. This transaction set can be used to provide information about new products or changes in existing product specifications. Price changes will not be sent with this transaction set, but can be sent with the Price Change Transaction Set (879).

Notes:

1. Organizations use this transaction set to provide storage facilities with data record changes for items of supply.
2. Use one occurrence of this transaction set to transmit a single or multiple transactions.
3. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlms>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	015	BGN	Beginning Segment	O	1		
LOOP ID - 0100						>1	
5	020	N1	Name	M	1		n1
Not Used	030	N2	Additional Name Information	O	1		
Not Used	040	N3	Address Information	O	2		
Not Used	050	N4	Geographic Location	O	1		
Not Used	060	N9	Reference Identification	O	10		
Not Used	070	G61	Contact	O	3		
Not Used	080	NTE	Note/Special Instruction	O	20		
Not Used	085	G93	Price Bracket Identification	O	50		
6	086	G62	Date/Time	M	1		
LOOP ID - 0200						>1	
7	090	LM	Code Source Information	O	1		
8	100	LQ	Industry Code	M	100		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - 0300						>1	
9	010	G53	Maintenance Type	M	1		
10	020	G62	Date/Time	O	3		n2
Not Used	030	NTE	Note/Special Instruction	O	20		
LOOP ID - 0310						>1	
11	040	G39	Item Characteristics - Vendor's Selling Unit	M	1		
Not Used	050	G69	Line Item Detail - Description	O	5		
Not Used	055	QTY	Quantity	O	>1		
Not Used	060	G23	Terms of Sale	O	10		

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Not Used	070	G62	Date/Time	O	2
Not Used	080	G36	Price List Reference	O	1
Not Used	090	G26	Pricing Conditions	O	2
Not Used	100	G43	Promotion/Price List Area	O	9999
Not Used	110	G24	Promotion Reference	O	999
Not Used	120	G40	Bracket Price	O	99
Not Used	130	G93	Price Bracket Identification	O	50
Not Used	135	G22	Pricing Information	O	5
Not Used	140	G46	Promotion Allowance/Charge	O	99
Not Used	145	H1	Hazardous Material	O	5
Not Used	150	G54	Module Description	O	99
13	151	N9	Reference Identification	O	10
Not Used	152	UIT	Unit Detail	O	10
15	153	MEA	Measurements	O	10
Not Used	154	TD1	Carrier Details (Quantity and Weight)	O	1
LOOP ID - 0311					>1
17	156	N1	Name	O	1
Not Used	157	N2	Additional Name Information	O	2
Not Used	158	N3	Address Information	O	2
Not Used	159	N4	Geographic Location	O	1
Not Used	160	PAL	Pallet Information	O	>1
LOOP ID - 0312					>1
Not Used	165	G55	Item Characteristics - Consumer Unit	O	1
Not Used	170	G69	Line Item Detail - Description	O	5
Not Used	175	QTY	Quantity	O	1
LOOP ID - 0313					>1
18	180	LM	Code Source Information	O	1
19	190	LQ	Industry Code	M	100
20	200	SE	Transaction Set Trailer	M	1

Transaction Set Notes

1. One iteration of the N1 loop should be used to identify the buying party (BY) to establish the area or location for which the item maintenance applies.
2. The G62 segment is used to specify the effective date for the item maintenance action reflected in G5301.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 888 Item Maintenance	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M AN 4/9

Segment: **BGN** Beginning Segment
Position: 015
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
 2 BGN03 is the transaction set date.
 3 BGN04 is the transaction set time.
 4 BGN05 is the transaction set time qualifier.
 5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Comments:**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 77 Simulation Exercise	M ID 2/2
M	BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Use code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	M AN 1/30
M	BGN03	373	Date Date expressed as CCYYMMDD <i>This date corresponds to the Universal Time Coordinate (UTC).</i>	M DT 8/8
Not Used	BGN04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSDD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	BGN05	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
Not Used	BGN06	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O AN 1/30
Must Use	BGN07	640	Transaction Type Code Code specifying the type of transaction A1 Storage Item Data Change	O ID 2/2
Not Used	BGN08	306	Action Code Code indicating type of action	O ID 1/2
Not Used	BGN09	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following	O ID 2/2

Segment: **N1** Name
Position: 020
Loop: 0100 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.
Notes: *Must use this 1/N1/020 loop to identify the organization originating the transaction set.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Not Used	N102	93	Name Free-form name	X AN 1/60
Must Use	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 10 Department of Defense Activity Address Code (DODAAC) M4 Department of Defense Routing Identifier Code (RIC)	X ID 1/2
Must Use	N104	67	Identification Code Code identifying a party or other code	X AN 2/80
Not Used	N105	706	Entity Relationship Code Code describing entity relationship	O ID 2/2
Must Use	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual FR Message From <i>Must use in conjunction with 1/N101/020 code KA to indicate the organization cited in N104 is originating the transaction set.</i>	O ID 2/3

Segment: **G62** Date/Time
Position: 086
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of G6201 or G6203 is required.
- 2 If either G6201 or G6202 is present, then the other is required.
- 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:
Comments:
Notes: *Must use to identify the time of transaction set preparation.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Not Used	G6201	432 Date Qualifier Code specifying type of date	X ID 2/2
Not Used	G6202	373 Date Date expressed as CCYYMMDD	X DT 8/8
Must Use	G6203	176 Time Qualifier Code specifying the reported time W Effective Time	X ID 1/2
Must Use	G6204	337 Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>1. Use to identify the time of transaction set preparation in UTC.</i> <i>2. Express time in a four-position (HHMM) format.</i>	X TM 4/8
Not Used	G6205	623 Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2

Segment: **LM** Code Source Information
Position: 090
Loop: 0200 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Must use this 1/LM/090 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 100
Loop: 0200 Optional (Must Use)
Level: Heading
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes:

Use to identify codes, as appropriate, consistent with management information requirements.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list <i>Use any code.</i>	O ID 1/3
Must Use	LQ02	1271	Refer to 004010 Data Element Dictionary for acceptable code values. Industry Code Code indicating a code from a specific industry code list	X AN 1/30

Segment: **G53** Maintenance Type
Position: 010
Loop: 0300 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify the specific type of item maintenance
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	G5301	875	Maintenance Type Code Code identifying the specific type of item maintenance 001 Change	M ID 3/3

Segment: **G62** Date/Time
Position: 020
Loop: 0300 Mandatory
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of G6201 or G6203 is required.
- 2 If either G6201 or G6202 is present, then the other is required.
- 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:
Comments:
Notes: *Use to identify the date all indicated changes are effective.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	G6201	432	Date Qualifier Code specifying type of date <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
Must Use	G6202	373	Date Date expressed as CCYYMMDD	X DT 8/8
Not Used	G6203	176	Time Qualifier Code specifying the reported time	X ID 1/2
Not Used	G6204	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	G6205	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2

Segment: **G39** **Item Characteristics - Vendor's Selling Unit**
Position: 040
Loop: 0310 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify a vendor's selling unit or to provide physical characteristics relative to a vendor's selling unit

- Syntax Notes:**
- 1 At least one of G3901 or G3902 is required.
 - 2 If either G3902 or G3903 is present, then the other is required.
 - 3 If any of G3905 G3906 or G3907 is present, then all are required.
 - 4 If either G3906 or G3907 is present, then the other is required.
 - 5 If either G3908 or G3909 is present, then the other is required.
 - 6 If either G3910 or G3911 is present, then the other is required.
 - 7 If either G3912 or G3913 is present, then the other is required.
 - 8 If either G3914 or G3915 is present, then the other is required.
 - 9 If either G3918 or G3919 is present, then the other is required.
 - 10 If either G3923 or G3924 is present, then the other is required.
 - 11 If either G3925 or G3926 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use the 2/G39/040 loop to identify specific changes contained in the transaction.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	G3901	438	U.P.C. Case Code Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)	X AN 12/12
Must Use	G3902	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
Must Use	G3903	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	G3904	152	Special Handling Code Code specifying special transportation handling instructions	O ID 2/3
Not Used	G3905	395	Unit Weight Numeric value of weight per unit	X R 1/8
Not Used	G3906	187	Weight Qualifier Code defining the type of weight	X ID 1/2
Not Used	G3907	188	Weight Unit Code Code specifying the weight unit	X ID 1/1
	G3908	65	Height Vertical dimension of an object measured when the object is in the upright position <i>Cite the number "1" to satisfy syntax requirements.</i>	X R 1/8
	G3909	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use to identify the original unit of measure for the reported item.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
Not Used	G3910	189	Width Shorter measurement of the two horizontal dimensions measured with the object in the upright position	X R 1/8
Not Used	G3911	355	Unit or Basis for Measurement Code	X ID 2/2

Usage	Code	Value	Field Name	Code	Code
Not Used	G3912	82	Length Largest horizontal dimension of an object measured when the object is in the upright position	X	R 1/8
Not Used	G3913	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X	ID 2/2
Not Used	G3914	183	Volume Value of volumetric measure	X	R 1/8
Not Used	G3915	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X	ID 2/2
Not Used	G3916	416	Pallet Block and Tiers Code indicating pallet and load structure; first three digits indicate the number of cases per layer, last three digits indicate the number of layers per pallet	O	N0 6/6
Not Used	G3917	356	Pack The number of inner containers, or number of eaches if there are no inner containers, per outer container	O	N0 1/6
Not Used	G3918	357	Size Size of supplier units in pack	X	R 1/8
Not Used	G3919	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X	ID 2/2
Not Used	G3920	397	Color Free-form description of color	O	AN 1/10
Not Used	G3921	398	Order Sizing Factor A product specification other than gross or net weight, or cubic feet for a line item or transaction used for order sizing and pricing purposes	O	R 1/10
Not Used	G3922	876	Alternate Tiers per Pallet Number indicating the alternate tiers per pallet structure; the three digits represent the number of tiers per pallet	O	ID 1/3
	G3923	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
			<i>Use any code.</i>		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	G3924	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	G3925	187	Weight Qualifier Code defining the type of weight	X	ID 1/2
Not Used	G3926	395	Unit Weight Numeric value of weight per unit	X	R 1/8
Not Used	G3927	810	Inner Pack The number of eaches per inner container	O	N0 1/6
Not Used	G3928	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required	O	AN 3/5

Segment:	N9 Reference Identification
Position:	151
Loop:	0310 Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	10
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N902 or N903 is required. 2 If N906 is present, then N905 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 N906 reflects the time zone which the time reflects. 2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	<ol style="list-style-type: none"> 1. <i>Must use at least one repetition to provide the transaction number.</i> 2. <i>May use a second repetition to provide new material identification.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Must Use	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	N903	369	Free-form Description Free-form descriptive text	X AN 1/45
Not Used	N904	373	Date Date expressed as CCYYMMDD	O DT 8/8
Not Used	N905	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
	N907	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
M	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
M	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as	X AN 1/30

Segment:	MEA Measurements
Position:	153
Loop:	0310 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 If MEA05 is present, then MEA04 is required. 3 If MEA06 is present, then MEA04 is required. 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	<i>Use to identify the new unit of issue and associated conversion factor.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>ID</u>
Must Use	MEA01	737 Measurement Reference ID Code Code identifying the broad category to which a measurement applies CF Conversion Factor	O ID 2/2
Not Used	MEA02	738 Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies	O ID 1/3
Must Use	MEA03	739 Measurement Value The value of the measurement <i>1. Use to identify the factor by which the old quantity must be multiplied to convert to the new unit of issue.</i> <i>2. Express as a number with decimal positions.</i>	X R 1/20
Must Use	MEA04	C001 Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
M	C00101	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use to identify the new or corrected unit of issue for the reported item.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	C00102	1018 Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649 Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018 Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649 Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018 Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649 Multiplier	O R 1/10

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Not Used	C00110	355	Value to be used as a multiplier to obtain a new value Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	MEA05	740	Range Minimum The value specifying the minimum of the measurement range	X	R 1/20
Not Used	MEA06	741	Range Maximum The value specifying the maximum of the measurement range	X	R 1/20
Not Used	MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value	O	ID 2/2
Not Used	MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined	X	ID 2/2
Not Used	MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O	ID 2/2
Not Used	MEA10	1373	Measurement Method or Device The method or device used to record the measurement	O	ID 2/4

Segment:	N1 Name
Position:	156
Loop:	0311 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<p><i>1. Must use one iteration of this 2/N1/156 loop to identify the organization to receive the transaction.</i></p> <p><i>2. Use additional iterations to identify other organizations associated with the transaction.</i></p>

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual <i>Use any code.</i>	M ID 2/3
Not Used	N102	93	Name Free-form name Refer to 004010 Data Element Dictionary for acceptable code values.	X AN 1/60
Must Use	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 10 Department of Defense Activity Address Code (DODAAC) M4 Department of Defense Routing Identifier Code (RIC)	X ID 1/2
Must Use	N104	67	Identification Code Code identifying a party or other code	X AN 2/80
Not Used	N105	706	Entity Relationship Code Code describing entity relationship	O ID 2/2
	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual TO Message To <i>Use with 2/N101/156 code SB to indicate the organization cited in N104 is receiving the transaction.</i>	O ID 2/3

Segment: **LM** Code Source Information
Position: 180
Loop: 0313 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Must use the 2/LM/180 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 190
Loop: 0313 Optional (Must Use)
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes:

Use to identify codes, as appropriate, consistent with management information requirements.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list <i>Use any code.</i>	O ID 1/3
Must Use	LQ02	1271	Refer to 004010 Data Element Dictionary for acceptable code values. Industry Code Code indicating a code from a specific industry code list	X AN 1/30

Segment: **SE** Transaction Set Trailer
Position: 200
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:
Semantic Notes:
Comments:

1 SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>Cite the same number as the one cited in ST02.</i>	M AN 4/9